

ATTENTION READERS

This issue of **ANALOG Computing** has been cover dated as July/August. This was done in order that the September issue, and subsequent issues, would be released four weeks earlier than the previous schedule, giving the magazine a longer retail shelf life.

Subscribers will not be affected by this. Magazine and disk subscribers will still receive 12 issues. We hope this will not inconvenience our readers and thank you for your support.

The Publishers of **ANALOG Computing**

READER SERVICE

Use the convenient card on the last page to request **FREE** information about the products advertised in this issue of **ANALOG Computing**.

For information about specific advertisers or products, circle the number on the card that matches the number shown with the advertisement, or in the Index to Advertisers.

FOR OUR DISK SUBSCRIBERS

The following programs from this issue are on disk:

THE A.N.A.L.O.G. #56 DISKETTE CONTAINS 19 MAGAZINE FILES. THEY ARE LISTED BELOW.

SIDE 1:

FILENAME.EXT	LANG.	LOAD	COMMENTS
DISKMEND.BAS	BASIC	LOAD	DISK MEND
POLARPLT.BAS	BASIC	LOAD	POLAR PLOTTER
STRLINER.OBJ	ML	(*3)	STREAMLINER
WRENCH .BAS	BASIC	LOAD	ROTO-WRENCH
TALKER .OBJ	ML	(*4)	TALKER DEVICE HANDLING
TALKER2 .BAS	BASIC	LOAD	TALKER, LISTING 2
TALKER3 .BAS	BASIC	LOAD	TALKER, LISTING 3
TALKER4 .M65	MAC/65	LOAD	TALKER, LISTING 4
TALKER5 .M65	MAC/65	LOAD	TALKER, LISTING 5
TALKER6 .M65	MAC/65	LOAD	TALKER, LISTING 6
BBKART .OBJ	ML	(*3)	BBK ARTIST
MLEDITOR.BAS	BASIC	LOAD	M/L EDITOR

SIDE 2:

FILENAME.EXT	LANG.	LOAD	COMMENTS
BBKART1 .M65	MAC/65	LOAD	BBK ARTIST SOURCE
BBKART2 .M65	MAC/65	LOAD	BBK ARTIST SOURCE
BBKART3 .M65	MAC/65	LOAD	BBK ARTIST SOURCE
BBKART4 .M65	MAC/65	LOAD	BBK ARTIST SOURCE
BBKART5 .M65	MAC/65	LOAD	BBK ARTIST SOURCE
STRLINER.M65	MAC/65	LOAD	STREAMLINER SOURCE
BIO SIGNS.STB	STBASIC	(*5)	BIO SIGNS

TO LOAD YOUR A.N.A.L.O.G. DISK

- 1) INSERT BASIC CARTRIDGE (NOT REQUIRED FOR XL OR XE COMPUTERS)
- 2) TURN ON DISK DRIVE AND MONITOR
- 3) INSERT DISK IN DRIVE
- 4) TURN ON COMPUTER (XL AND XE OWNERS DO NOT HOLD DOWN OPTION KEY)

WARNING: BEFORE YOU RUN A PROGRAM, READ THE APPROPRIATE ARTICLE IN THE MAGAZINE.

NOTE: ONLY PROGRAMS WITH THE ".BAS" OR ".OBJ" EXTENSION MAY BE RUN FROM THE MENU. OTHER PROGRAMS SHOULD BE LOADED AS INSTRUCTED IN THE LOADING NOTES, AND MAY REQUIRE ADDITIONAL SOFTWARE AS LISTED BELOW.

SOME OF THE PROGRAM FILES MAY BE FOR THE OLDEST MODEL COMPUTERS. THOSE FILES MUST BE PORTED TO A 3 1/2 INCH DISK TO BE COMPATIBLE WITH THOSE MACHINES.

EXT DESCRIPTION

.M65	REQUIRES THE OSS MAC/65 ASSEMBLER
.AMA	REQUIRES THE ATARI MACRO ASSEMBLER
.ASM	REQUIRES THE ATARI ASSEMBLER/EDITOR
.ACT	REQUIRES THE OSS ACTION! CARTRIDGE
.LGO	REQUIRES THE ATARI LOGO CARTRIDGE
.SYN	REQUIRES THE SYNAPSE SYN ASSEMBLER
.STB	REQUIRES ST BASIC

LOADING NOTES

LOAD BASIC PROGRAM:	LOAD "D:FILENAME.EXT"
ENTER BASIC PROGRAM:	ENTER "D:FILENAME.EXT"
LOAD MAC/65 PROGRAM:	LOAD #D:FILENAME.EXT
ENTER ASM/ED PROGRAM:	ENTER #D:FILENAME.EXT
LOAD LOGO PROGRAM:	LOAD "D:FILENAME.EXT"
LOAD SYN/AS PROGRAM:	LOAD "D:FILENAME.EXT"

- #1: SEE ACTION! MANUAL.
- #2: SEE ATARI MACRO ASSEMBLER MANUAL.
- #3: MAY ALSO BE LOADED FROM DOS USING THE "P" OPTION OF THE DOS MENU.
- #4: THIS FILE SHOULD BE TRANSFERRED TO ANOTHER DISK AND RENAMED "AUTORUN.SYS".
- #5: SEE ST BASIC MANUAL.

ANALOG

COMPUTING

Please circle an entry for each category.

- This copy of ANALOG Computing came to me through:
 - User Group
 - Computer Store
 - News Stand
 - Subscription
 - Borrowed
 - Book Store
 - School
- I personally use:
 - 400/800
 - 130XE
 - 600XL
 - 800XL
 - 520ST
 - 1040ST
- I intend to purchase a new Atari computer in the near future:
 - Yes
 - No
 If yes, model I intend to purchase:
 - Atari XE
 - Atari 1040
 - Atari 520
- Which section do you use most:
 - B-bit
 - 16-bit
 - Both
- How many people will read this copy of ANALOG Computing? _____
- I'd like to see ANALOG Computing cover more extensively:
 - Games
 - Education
 - Other
 - Graphics
 - Utilities/Tutorials
- I spent on software in the past 12 months:
 - less than \$100
 - \$100-\$300
 - \$300-\$600
 - \$600-\$1000
 - More than \$1000
- I use the machine language listings in ANALOG Computing:
 - Not at all
 - Glance at them
 - Study them thoroughly
 - Type them in
- How many programs have you (will you) type in from this issue? _____
- My favorite article in this issue is: _____

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